

Release Notes

FortiClient (macOS) 7.0.0



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FortiClient (macOS) 7.0.0 Release Notes

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Change log

Date	Change description
2021-04-27	Initial release.

Introduction

This document provides a summary of enhancements, support information, and installation instructions for FortiClient (macOS) 7.0.0 build 0022.

This document includes the following sections:

- [Special notices on page 6](#)
- [Installation information on page 10](#)
- [Product integration and support on page 12](#)
- [Resolved issues on page 14](#)
- [Known issues on page 15](#)

Review all sections prior to installing FortiClient. For more information, see the [FortiClient Administration Guide](#).

Licensing

FortiClient 6.2.0, FortiClient EMS 6.2.0, and FortiOS 6.2.0 introduce a new licensing structure for managing endpoints running FortiClient 6.2.0+. See [Upgrading from previous FortiClient versions on page 10](#) for more information on how the licensing changes upon upgrade to 6.2.0+. Fortinet no longer offers a free trial license for ten connected FortiClient endpoints on any FortiGate model running FortiOS 6.2.0+. EMS 7.0.0 supports a trial license. With the EMS free trial license, you can provision and manage FortiClient on ten Windows, macOS, and Linux endpoints and ten Chromebook endpoints indefinitely.

FortiClient 7.0.0 offers a free VPN-only version that can be used for VPN-only connectivity to FortiGate devices running FortiOS 5.6 and later versions. You can download the VPN-only application from [FortiClient.com](#).

Special notices

FortiClient on macOS Big Sur and Catalina (versions 11 and 10.15)

You can install FortiClient (macOS) 7.0.0 on macOS 11 Big Sur and 10.15 Catalina. With these macOS releases, however, FortiClient works properly only when you grant permissions to access the full disk in the *Security & Privacy* pane for the following services:

- fcaptmon
- fctservctl
- fmon
- fmon2
- FortiClient



The FortiClient (macOS) free VPN-only client does not include the fcaptmon, fmon, and fmon2 services. If you are using the VPN-only client, you only need to grant permissions for fctservctl and FortiClient.

You may have to manually add fmon2 to the list, as it may not be in the list of applications to allow full disk access to. Click the + icon to add an application. Browse to `/Library/Application Support/Fortinet/FortiClient/bin/` and select fmon2.

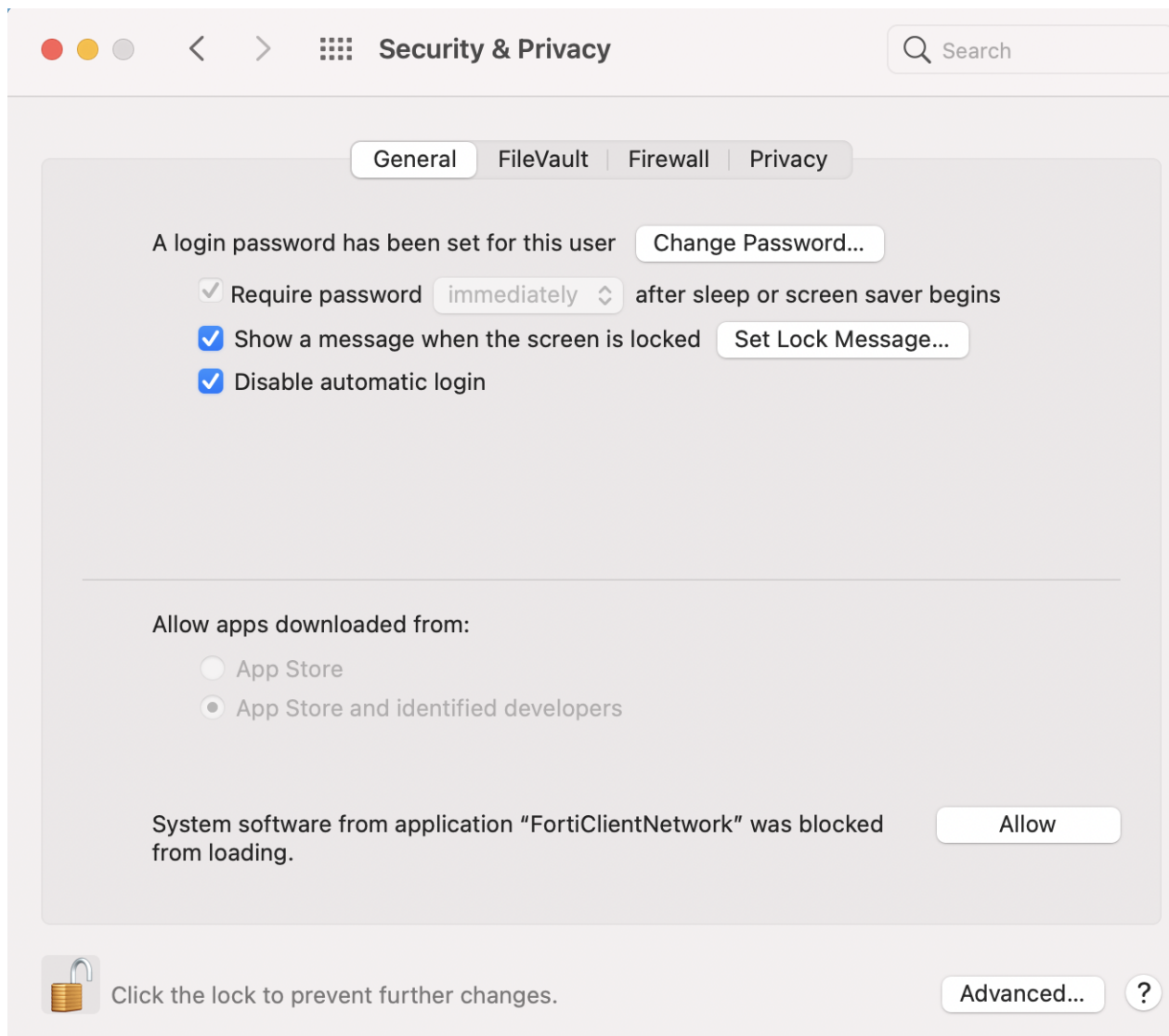


The following lists the services and their folder locations:

- fmon, Fctservctl, Fcaptmon: /Library/Application\ Support/Fortinet/FortiClient/bin/
- FortiClient (macOS) application: /Applications/FortiClient.app
- FortiClient agent (FortiTray):
/Applications/FortiClient.app/Contents/Resources/runtime.helper/FortiClientAgent.ap
p

Web Filter

Web Filter works properly only when you allow system software from Fortinet to load in *Security & Privacy* settings. Go to *System Preferences > Security & Privacy* and click the *Allow* button beside *System software from developer "FortiClientNetwork" was blocked from loading*. You must have administrator credentials for the macOS machine to configure this change.



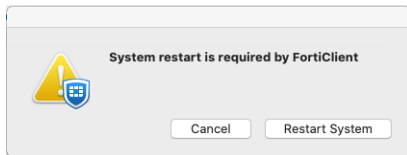
The FortiClient (macOS) team ID is AH4XFXJ7DK.

DHCP over IPsec VPN not supported

FortiClient (macOS) does not support DHCP over IPsec VPN.

macOS Mojave (version 10.14) reboot prompt

When using macOS Mojave (version 10.14), you must reboot the macOS device after installing FortiClient (macOS). FortiClient (macOS) displays the following prompt after installation:



IKEv2 not supported

FortiClient (macOS) does not support IPsec VPN IKEv2.

Installation information

Firmware images and tools

The following files are available from the [Fortinet support site](#):

File	Description
FortiClientTools_7.0.0.xxxx_macosx.tar.gz	Includes utility tools and files to help with installation.
FortiClientVPNSetup_7.0.0.xxxx_macosx.dmg	Free VPN-only installer.

The following files are available from [FortiClient.com](#):

File	Description
FortiClient_7.0.0.xxxx_macosx.dmg	Standard installer for macOS.
FortiClientVPNSetup_7.0.0.xxxx_macosx.dmg	Free VPN-only installer.

FortiClient EMS 7.0.0 includes the FortiClient (macOS) 7.0.0 standard installer.



Review the following sections prior to installing FortiClient version 7.0.0: [Introduction on page 5](#), [Special notices on page 6](#), and [Product integration and support on page 12](#).

Upgrading from previous FortiClient versions

FortiClient version 7.0.0 supports upgrade from FortiClient 6.2.

FortiClient (macOS) 7.0.0 features are only enabled when connected to EMS 6.4.

See the [FortiClient and FortiClient EMS Upgrade Paths](#) for information on upgrade paths.

Downgrading to previous versions

FortiClient 7.0.0 does not support downgrading to previous FortiClient versions.

Uninstalling FortiClient

The EMS administrator may deploy uninstall to managed FortiClient (macOS) endpoints.

Firmware image checksums

The MD5 checksums for all Fortinet software and firmware releases are available at the [Customer Service & Support portal](#). After logging in, click on *Download > Firmware Image Checksums*, enter the image file name including the extension, and select *Get Checksum Code*.

Product integration and support

The following table lists FortiClient (macOS) 7.0.0 product integration and support information:

Desktop operating systems	<ul style="list-style-type: none">• macOS Big Sur (version 11)• macOS Catalina (version 10.15)• macOS Mojave (version 10.14). You must restart macOS 10.14 after FortiClient (macOS) installation.
Minimum system requirements	<ul style="list-style-type: none">• Intel processor or M1 chip• 256 MB of RAM• 20 MB of hard disk drive (HDD) space• TCP/IP communication protocol• Ethernet NIC for network connections• Wireless adapter for wireless network connections• Adobe Acrobat Reader for viewing FortiClient documentation
AV engine	<ul style="list-style-type: none">• 2.00258
FortiClient EMS	<ul style="list-style-type: none">• 7.0.0 and later
FortiOS	<p>The following version supports ZTNA:</p> <ul style="list-style-type: none">• 7.0.0<p>The following versions support IPsec and SSL VPN:</p><ul style="list-style-type: none">• 7.0.0 and later• 6.4.0 and later• 6.2.0 and later• 6.0.0 and later
FortiAnalyzer	<ul style="list-style-type: none">• 7.0.0 and later
FortiManager	<ul style="list-style-type: none">• 7.0.0 and later
FortiSandbox	<ul style="list-style-type: none">• 3.2.0 and later• 3.1.0 and later• 3.0.0 and later• 2.5.0 and later
FortiAuthenticator	<ul style="list-style-type: none">• 6.1.0 and later• 6.0.0 and later

Language support

The following table lists FortiClient language support information:

Language	GUI	XML configuration	Documentation
English	Yes	Yes	Yes
Chinese (simplified)	Yes		
Chinese (traditional)	Yes		
French (France)	Yes		
German	Yes		
Japanese	Yes		
Korean	Yes		
Portuguese (Brazil)	Yes		
Russian	Yes		
Spanish (Spain)	Yes		

The FortiClient language setting defaults to the regional language setting configured on the client workstation unless configured in the XML configuration file.



If the client workstation is configured to a regional language setting that FortiClient does not support, it defaults to English.

Resolved issues

The following issues have been fixed in FortiClient (macOS) 7.0.0. For inquiries about a particular bug, contact [Customer Service & Support](#).

Remote Access

Bug ID	Description
626322	macOS client does not use DNS suffixes configured in OS.
627962	IP address shows local address on EMS while connected via tunnel instead of tunnel address.
672056	FortiClient gets randomly stuck in Telemetry Syncing state.
673221	<ul style="list-style-type: none">• SSL VPN traffic blocking fails to block.• SSL VPN exclusive routing fails.• IPsec VPN functions only in UDP encapsulation mode.
690991	System proxy does not work after VPN is connected.

Endpoint control

Bug ID	Description
615633	macOS 10.15 may freeze when FortiClient and Google File Stream are installed.
673208	macOS 11 Beta: Zero Trust Telemetry is missing site information.
677399	Duplicate macOS endpoints in EMS.
690349	FortiClient (macOS) fails to send software inventory after connecting to EMS.

Performance

Bug ID	Description
657447	FortiClient generates large debug logs for IPsec VPN on macOS Catalina.
646206	Support for future ARM-based Apple Mac devices.

Known issues

The following issues have been identified in FortiClient (macOS) 7.0.0. For inquiries about a particular bug or to report a bug, contact [Customer Service & Support](#).

Endpoint control

Bug ID	Description
664634	FortiClient cannot register with FortiClient Cloud if the connection key has a hyphen.
675953	FortiClient cannot store the Telemetry connection key.
714853	GUI unlock button is not visible after disregistering from EMS.

Remote Access

Bug ID	Description
664285	VPN connection terminates unexpectedly with error code -121.
678564	FortiClient (macOS) does not honor <code>remoteauthtimeout</code> or <code>login-timeout</code> from FortiGate with SAML authentication.
684913	SAML authentication on SSL VPN with realms does not work.
690432	GUI fails to import XML VPN configuration.
705518	FortiTray does not differentiate between corporate and personal VPNs.

Web Filter

Bug ID	Description
661231	Move the Web Filter block to the FortiAnalyzer Event section.

Configuration

Bug ID	Description
714584	Rebooting automatically deletes ZTNA-related certificates from certificate store.

Multitenancy

Bug ID	Description
647428	FortiClient (macOS) does not send software inventory to custom site.

Performance

Bug ID	Description
703785	com.fortinet.forticlient.macos.webfilter crash.
704524	FortiClient causes system to run out of resources due to excessive fcconfig errors.
714620	FortiAgent and fcconfig crash when saving VPN tunnel configuration.



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